PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

•	(PCT Article 36 and Rule 70)	
pplicant's or agent's file reference	FOR FURTHER ACTION	See Form PCT/IPEA/416
12392:ЕЈН	(day/month/year)	Priority date (day/month/year)
ternational application No.	International filing date (day/month/year)	11 July 2003
cm/ + T12004/000940	12 July 2004	
ternational Patent Classification (IPC)	or national classification and IPC	
ternational Patent Classification (2 5)	0.1/00	·
at. Cl. ⁷ G01K 13/08, G01N 25/7	2, 21/88	
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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/AU2004/000940

Rox	No. I Basis of the report
1.	With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.
	This report is based on translations from the original language into the following language which is the language of a translation furnished for the purposes of:
	international search (under Rules 12.3 and 23.1 (b))
	publication of the international application (under Rule 12.4)
	international preliminary examination (under Rules 55.2 and/or 55.3)
2.	With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report):
	the international application as originally filed/furnished
	X the description:
•	pages 1, 4 - 6 as originally filed/furnished
	pages* 2, 3 received by this Authority on 22 November 2004 with the letter of 22 November 2004 pages* received by this Authority on with the letter of
	X the claims:
	pages as originally filed/furnished
	pages* as amended (together with any statement) under Article 19
	pages* 7, 8 received by this Authority on 22 November 2004 with the letter of 22 November 2004
	pages* received by this Authority on with the letter of
	X the drawings:
. • •	pages 1/1 as originally filed/furnished
	pages* received by this Authority on with the letter of pages* received by this Authority on with the letter of
•	a sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.
3.	The amendments have resulted in the cancellation of:
•	the description, pages
	the claims, Nos.
	the drawings, sheets/figs
	the sequence listing (specify):
	any table(s) related to the sequence listing (specify):
4.	This report has been established as if (some of) the amendments annexed to this report and listed below had not been
	made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).
	the description, pages
	the claims, Nos.
	the drawings, sheets/figs
	the sequence listing (specify):
	any table(s) related to the sequence listing (specify):
	any table(s) related to the sequence fishing (specify).
 •	If item 4 applies, some or all of those sheets may be marked "superseded."

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/AU2004/000940

Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;
citation	s and explanations supporting such statement

1.	Statement						
	Novelty (N)	Claims 1 - 11		YES			
	·	Claims		NO			
	Inventive step (IS)	Claims 1 - 11		YES			
		Claims		NO			
	Industrial applicability (IA)	Claims $1-11$	•	YES			
	Y	Claims	*	NO			

2. Citations and explanations (Rule 70.7)

The following document identified in the International Search Report has been considered as relevant for the purposes of this report:

D1: JP 09-253975

Novelty (N), Inventive Step (IS)

D1 discloses a device to restrict heat generated between a threaded shaft and a nut. One aspect of this device resides in the measurement of the temperature generated by friction as the threaded shaft and nut are engaged. This is achieved by measuring the temperature of the nut with a thermocouple. D1 does not disclose or suggest the use of an infra-red camera to sense and display the temperature variations over the inter-engaged surfaces of the threaded shaft and nut. The subject matter of claims 1-11 is therefore new and inventive.